

HEALTH INNOVATION CHALLENGE FUND

FULL SCOPE FOR ROUND 11

Clinical applications of Repurposing of technologies and medicines



It is not always commercially attractive to repurpose devices or drugs even though important medical benefits could be gained. This HICF theme is intended to support and facilitate projects aiming to repurpose products in the wider pursuit of enhanced, affordable healthcare and which can result in early adoption by the NHS and other healthcare systems.

In addition, we recognise that cross fertilisation between different disciplines may often result in innovative new solutions to previously intractable problems. Thus we are also keen to receive proposals that will utilise technologies and learning from non-medical settings to develop novel devices and therapies.

Applications are invited that (a):

- will repurpose approved medicinal products, medical devices, diagnostic tests or materials for use in new therapeutic indications or disease states
- recombine or reuse pre-existing drugs or devices for various diseases, including rare or orphan ones
- are anticipated to encounter a low regulatory hurdle and rapid progression to clinical use and adoption
- undertake validation or safety studies or small pilot scale efficacy studies

or (b):

- repurpose technologies developed within other sectors (for example, the automotive, aerospace, military or computer gaming sectors) for medical use